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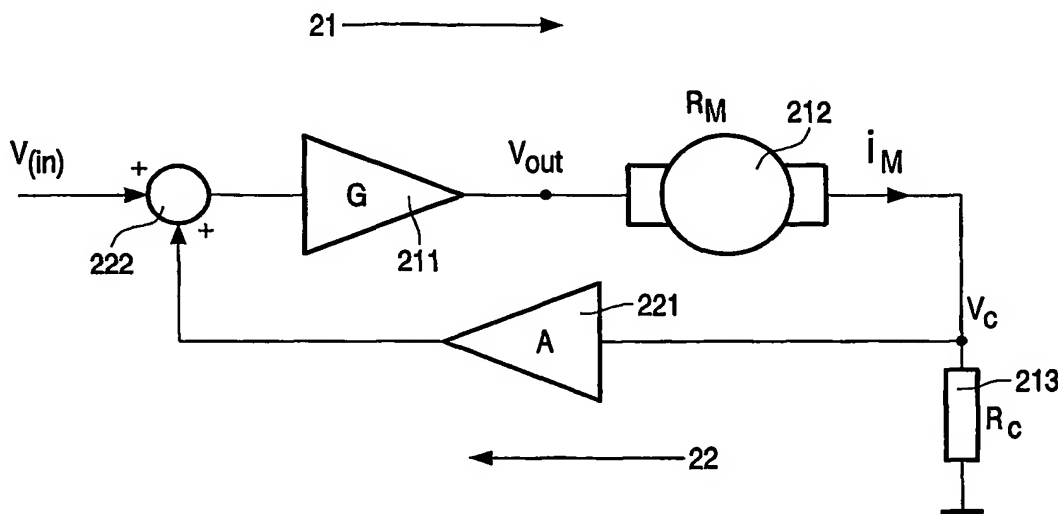
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(54) Title: DISK TRAY MECHANISM FOR REPRODUCING APPARATUS



(57) Abstract: The invention relates to a tray mechanism consisting of sliding means comprising an electrical tray motor, for moving a tray - provided for containing a disc (for example an optical disc) on which information is recorded - from a projected position, for the placement of the disc or its discharge, to a contained one, for the reproduction of recorded information, or reciprocally, and a drive power source, for supplying an applied voltage to said tray motor. Control means supply different values of the voltage applied to the tray motor according to different mechanical functions controlled by said motor. According to the invention, it is provided, for the tray steering, a motor current feed-forward loop comprising a first direct branch, itself comprising in series a first amplifier of the input voltage applied to the loop, the tray motor and a resistor, and a second branch, itself comprising in series a second amplifier and an adder, which receives on one input the input voltage applied to the loop and on the other one the output of said second amplifier.

**Declaration under Rule 4.17:**

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